

BI-WEEKLY PROGRESS REPORT NO. 10

**OLD ROOSEVELT FIELD CONTAMINATED GROUNDWATER AREA SITE
REMEDIAL ACTION - PHASE 2, GROUND WATER TREATMENT SYSTEM CONSTRUCTION
GARDEN CITY, NASSAU COUNTY, NEW YORK**

Prepared for:
U.S. Environmental Protection Agency
290 Broadway
New York, New York 10007-1866

Prepared by:
CDM Federal Programs Corporation
14 Wall Street
Suite 1702
New York, NY 10005

EPA Work Assignment No.	: 023-RARA-02PE
EPA Region	: 2
Contract No.	: EP-W-09-002
CDM Federal Programs Corporation	
Document No.	: 3320-023-01016
Prepared by	: CDM
Site Manager	: Mr. Thomas Mathew, P.E.
Telephone Number	: 732-590-4638
EPA Remedial Project Manager	: Ms. Sherrel Henry
Telephone Number	: 212-637-4273
Date Prepared	: September 12, 2011

Bi-Weekly Progress Report No. 10

Phase 2 – Ground Water Treatment System Construction

1.0 Introduction

Pursuant of the Work Assignment Form (WAF) Statement of Work (SOW), for Region 2 Contract EP-W-09-002 Work Assignment 023-RARA-02PE, CDM Federal Programs Corporation (CDM) is performing the Phase 2 (Groundwater Treatment System Construction) Remedial Action (RA) at the Old Roosevelt Contaminated Groundwater Area Site. The Bi-Weekly Progress Report is intended to partially fulfill the requirements specified under WAF SOW for this assignment. This Bi-Weekly report is prepared for the work performed from July 25, 2011 to August 5, 2011.

The work performed during this reporting period includes: general clean-up, buried electrical conduit and pull boxes installation, asphalt removal and disposal, HDPE pipe installation, core drilling of storm sewer structure, forming building floor slabs, placing vapor barrier, pouring concrete building floor slabs. This work is summarized in further detail below. A list of the supporting documentation attached with this bi-weekly progress report is as follows:

- Attachment 1 - CDM's Daily Status Report
- Attachment 2 - CDM's Field Log Book Notes
- Attachment 3 - Photo Log

2.0 Personnel On-Site

The following personnel were on site during this reporting period:

CDM - Contractor

Jeffrey Mullen	Construction Supervisor
Yash Saha	Engineer

Arrowhead Contracting Inc (ACI) – Subcontractor

Doug Ronk	Project Manager
Tom Gleave	Quality Control/Safety Manager
Joe Cotter	Site Superintendent
Matt Swope	Construction Foreman

Jarski Concrete Cutting – ACI Subcontractor

Jeff Jarski	Owner/Laborer
Mike Jarski	Owner/Laborer

T&F Enterprises – ACI Subcontractor

Tim Taub	Owner/Operator
Chris Kozikowski	Operator
Nick Gambino	Laborer

Sampogna – ACI Subcontractor

Nick Sampogna	Owner/Operator
Anner Portillo	Laborer

Pedro Huezo	Laborer
Enrique Calles	Laborer
Eugenio Guevara	Laborer

JK Electric – ACI CSubcontractor

Jim Kilkullen	Supervisor
Mike Kilkullen	Foreman
Joe Cavano	Laborer

Brenseke Welding – ACI Subcontractor

2-man	Crew
-------	------

3.0 Summary of Work Performed

The following is a brief summary of the field activities performed during this reporting period (refer to Attachments 1, 2, and 3 for Daily Status Report, log book notes, and photo log, respectively for each working day):

- Building Foundation Work
 - T&F set precast concrete sump on, previously poured, concrete base slab. Elastomeric sealer used between sump and slab to ensure watertight seal. Placed structural RCA within building foundation in 12” lifts and compacted each lift, using vibratory plate compactor. Confirmed proper compaction using a nuclear densitometer.
- Trench Excavation and Discharge Pipe Installation
 - T&F excavated the pipe trench to existing storm water structure in accordance with the contract drawings. Jarski core drilled two holes into existing storm structure, one for the 4” discharge pipe and one for the electrical conduit for the level switch.
 - Upon field inspection of the excavated material, CDM determined that the native material satisfied the requirements that would allow it to be used as pipe bedding. The pipes were installed at the bottom of the trench as shown in the trench details. Backfill material was placed in 12 inch lifts and compacted. CM Testing performed compaction density testing of compacted sub-grade using a nuclear densitometer, Trolex 3430.
 - Any non-native or unsuitable items found while excavating trench were segregated and not used as backfill. Non-native items include; concrete, bricks, metal and rocks larger than 4-inch. All materials that were segregated have been staged for later disposal.
- Underground Electric Installation
 - JK Electric installed underground PVC conduits and precast concrete pull boxes as specified and shown on the contract drawings.
- Building Floors Installation
 - Sampogna installed polyethylene vapor over crushed stone (capillary barrier). Formed and poured building floor slabs with embedded welded wire fabric (W6xW6), water stops and required reinforcing reinforcing steel (rebar). The building slab was poured in four stages. Floor surfaces received a machine trowel finish. All corners were chamfered and removable “zip strips” were used where applicable along joints. These strips will be removed and gaps will be filled with appropriate caulk material. All

concrete was vibrated while it was poured into the forms. This placement method ensures proper filling of the form cavities. The concrete was cured, slowly for 4 days using burlap sheets soaked with water and the forms were removed. Concrete samples were collected by CM Testing for strength testing as specified.

- **Well Head Work**
 - Brenseke Welding cut the existing, stainless steel well riser pipes at the required height, welded the pit-less adapters in place and temporarily capped each of the three wells to prevent any debris from entering the wells.
- **Health and Safety**
 - A tailgate H&S meeting was conducted each day before the start of work activities.
- **Material Deliveries**
 - Electrical PVC conduits and accessories
 - Recycled concrete structural fill
 - Concrete
 - W6xW6 welded wire fabric
 - Water Stop
 - Pit-Less Adapters

4.0 Problems/Corrective Action

During this two week period no problems or issues were noted.

5.0 Deviations

No deviations were noted for this reporting period.

6.0 Conclusions

Construction progress continues at a moderate pace. All work has been completed in a professional and safe manner.

ATTACHMENT 1
DAILY STATUS REPORT

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 7-25-11

Day Monday

WEATHER: Overcast

TEMP: 69/77 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
Arrowhead/Tom Gleave, Matt Swope			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0700	Chris Kozikowski	T&F	Excavation/backfill
0700	Jason Kamback	T&F	Excavation/backfill
0800	J. Killkullen	JK Electric	Installing UG Conduit
0800	J. Caivano	JK Electric	Installing UG Conduit
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steer CAT 420D Backhoe 2-GF+ Butt-Fusion Machines Dynapac CC122 Compactor – not used			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
T&F continuing excavating north trench and installing 3-3" HDPE pipes, 1-4" pipe and 1-1.25" water line toward treatment building.			
JK electric installing electrical conduits from NW corner of site toward treatment building. Also installing conduit within building foundation			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Heavy Equipment Operation			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 7-26-11

Day Tuesday

WEATHER: Pt. Cloudy

TEMP: 68/86 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
Arrowhead/Tom Gleave, Matt Swope, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0700	Chris Kozikowski	T&F	Excavation/backfill
0700	Jason Kamback	T&F	Excavation/backfill
0800	J. Killkullen	JK Electric	Installing UG Conduit
0800	J. Caivano	JK Electric	Installing UG Conduit
1300	????	CM Testing	Compaction Testing
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steer CAT 420D Backhoe 2-GF+ Butt-Fusion Machines Dynapac CC122 Compactor – not used			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
T&F Backfilling around building walls. Also built ramp into building foundation for access with a skid steer.			
Structural fill delivered to site for use inside building foundation.			
JK electric installing electrical conduits within building foundation.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Vehicle Safety			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 7-27-11

Day Wednesday

WEATHER: sunny

TEMP: 68/84 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
Arrowhead/Tom Gleave, Matt Swope, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0700	Chris Kozikowski	T&F	Excavation/backfill
0700	Jason Kamback	T&F	Excavation/backfill
0800	J. Killkullen	JK Electric	Installing UG Conduit
0800	J. Caivano	JK Electric	Installing UG Conduit
1300	????	CM Testing	Compaction Testing
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steer - not used CAT 420D Backhoe 2-GF+ Butt-Fusion Machines - not used Dynapac CC122 Compactor			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Installed 12" lifts of structural fill inside building foundation. Used plate compactor to compact each lift. CM testing used nuclear densitometer to test compaction. Applied 2 rows of mastic to sump foundation. Set precast concrete sump on mastic.			
ACI caulked exterior seam of sump with elastomeric caulk prior to backfilling around sump structure.			
Structural fill delivered to site for use inside building foundation.			
JK electric installing electrical conduits within building foundation.			
WORK BEING INSPECTED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic: General Safety.
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 7-28-11

Day Thursday

WEATHER: Pt. Cloud

TEMP: 71/82 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen, Yosh Saha			
Arrowhead/Tom Gleave, Matt Swope, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0700	Chris Kozikowski	T&F	Excavation/backfill
0700	Jason Kamback	T&F	Excavation/backfill
0800	J. Killkullen	JK Electric	Installing UG Conduit
0800	J. Caivano	JK Electric	Installing UG Conduit
1300	????	CM Testing	Compaction Testing
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steer - not used CAT 420D Backhoe 2-GF+ Butt-Fusion Machines - not used Dynapac CC122 Compactor			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
T&F Installed 12" lifts of structural fill inside building foundation. Used plate compactor to compact each lift. CM testing used nuclear densitometer to test compaction. Floor Drain plumbing installed for 3 floor drains. Crew excavated end of discharge pipe near storm sewer structure to connect 4" pipe to structure. Exposed and removed old concrete driveway apron. JK electric installing electrical conduits within building foundation.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Smoking in designated areas and cell phone usage during work operations.			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 7-29-11

Day Friday

WEATHER: Pt. Cloud

TEMP: 73/85 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen, Yosh Saha			
Arrowhead/Tom Gleave, Matt Swope, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0700	Chris Kozikowski	T&F	Excavation/backfill
0700	Jason Kamback	T&F	Excavation/backfill
0800	J. Killkullen	JK Electric	Installing UG Conduit
0800	J. Caivano	JK Electric	Installing UG Conduit
0800	Mike Jarski	Jarski	Concrete Coring
0800	Jeff Jarski	Jarski	Concrete Coring
1500		CM Testing	Density Testing
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steer - not used CAT 420D Backhoe 2-GF+ Butt-Fusion Machines - not used Dynapac CC122 Compactor Concrete Core Drill Machine			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
T&F placing structural fill within building foundation area. Also completing 4" effluent piping to storm structure.			
JK electric installing electrical conduits within building foundation and from storm structure to pull box.			
Jarski coring through storm structure for electrical conduits and 4" effluent discharge piping. Penetrations sealed using hydraulic cement			
CM Testing on site to perform compaction density testing.			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

WORK BEING INSPECTED: N/A
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic:
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: Weekly Conference Call @ 10:00 EPA, CDM, ACI
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 8-02-11

Day: Tuesday

WEATHER: Sunny/slight rain in afternoon

TEMP: 71/84 deg F

WIND: Slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Thomas Matthew			
Arrowhead/Joe Cotter, Tom Gleave, Doug Rong, Matt Swope			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0800	Anne. P.	Sampogna	Concreting (slab)
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steer – not used CAT 420D Backhoe - not used 2-GF+ Butt-Fusion Machines – not used Dynapac CC122 Compactor – not used			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Sampogna placed crushed stone subgrade and placed form work for concreting.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Electrical hazards			
TESTING PERFORMED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS: Received a delivery for ¾" stone material.

By: Thomas Matthew

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 8-03-11

Day: Wednesday

WEATHER: Sunny/slight rain in afternoon

TEMP: 71/84 deg F

WIND: Slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Mrutyunjay Vajirkar, Marianna Kowalczyk			
Arrowhead/Joe Cotter, Tom Gleave, Doug Rong, Matt Swope			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0700	Chris Kozikowski	T&F	Trench Excavation
0700	Jason Kamback	T&F	Trench Excavation
0730	Anner Portillo	Sampogna Contracting	Concreting (slab)
0730	Enrique Calles	Sampogna Contracting	Concreting (slab)
0730	William Iglesias	Sampogna Contracting	Concreting (slab)
0730	Eugenio E	Sampogna Contracting	Concreting (slab)
1300	Segundo Guzman	CM Testing Laboratory, Inc.	Concrete testing
EQUIPMENT IN USE:			
TL-250 Skid Steer - not used CAT 277 Skid Steer – not used CAT 420D Backhoe 2-GF+ Butt-Fusion Machines Dynapac CC122 Compactor – not used Concrete vibrator			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
T&F completed excavation near the extraction wells head for vault installation and three pipes installed and capped. T&F backfilled with one lift of soil over the pipes in the trench. The trench was secured with fence. Refer to attached Figure No. C-03 08032011 sheet for work area.			
Sampogna placed form work, vapor barrier, 6X6 W4XW4 WWF and construction keyed joints and then poured concrete over the office area floor slab. Refer to attached Figure No. S-03 08032011 sheet for floor slab section completed. Sampogna used burlap and sprayed with water for concrete curing.			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

WORK BEING INSPECTED: N/A/
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic: Concrete hazards and potential
TESTING PERFORMED: Concrete testing was conducted by CM Testing Laboratory, Inc.
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS: ACI received delivery for ¾" stone.

By: Mrutyunjay Vajirkar

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 8-04-11

Day: Thursday

WEATHER: Sunny/slight rain in afternoon

TEMP: 66/84 deg F

WIND: Slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Mrutyunjay Vajirkar,			
Arrowhead/Joe Cotter, Doug Rong			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0830	J. Caivano	JK Electric	Installing UG Conduit
0730	Enrique Callies	Sampogna Contracting	Concreting (slab)
0730	Eugenio E.V.	Sampogna Contracting	Concreting (slab)
0730	Anner Portillo	Sampogna Contracting	Concreting (slab)
0730	William Iglesias	Sampogna Contracting	Concreting (slab)
0730	Nick Sampogna	Sampogna Contracting	Concreting (slab)
0900	Segundo Guzman	CM Testing Laboratory, Inc.	Concrete testing
0845	Charles Rome	Brenseke Welding	Welding adapters
0845	Vinny Asostino	Brenseke Welding	Welding adapters
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steer – not used CAT 420D Backhoe - not used 2-GF+ Butt-Fusion Machines – not used Dynapac CC122 Compactor – not used Concrete Vibrator			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Sampogna placed form work, vapor barrier, 6X6 W4XW4 WWF, and keyed joints and then poured concrete over lower eastern portion of the floor slab. Refer to Figure No. S-03 08042011 for floor slab pour location.			
Breneskes welding completed cutting the outer casing on the extraction wells and welding the pitless adapter on the inner casings of the extraction wells.			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

WORK BEING INSPECTED: N/A
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic: PPE while placing concrete
TESTING PERFORMED: Concrete testing was conducted CM Testing Laboratory, Inc.
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: The slump test result on the concrete delivered was 5.5 inches and the required maximum slump is 5 inches. ACI decided to place concrete and wait for the concrete strength test results.
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Mrutyunjay Vajirkar

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 8-05-11

Day: Friday

WEATHER: Sunny/slight rain in afternoon

TEMP: 67/84 deg F

WIND: Slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Mrutyunjay Vajirkar,			
Arrowhead/Joe Cotter, Doug Rong, Matt Swope, Thomas Gleave			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0730	Anner Portillo	Sampogna Contracting	Concrete (slab)
0730	Hernan Calles	Sampogna Contracting	Concrete (slab)
0730	Enrique Calles	Sampogna Contracting	Concrete (slab)
0730	Eugenio C	Sampogna Contracting	Concrete (slab)
0730	Nick S.	Sampogna Contracting	Concrete (slab)
0800	J. Patino	CM Testing Laboratory, Inc.	Concrete testing
EQUIPMENT IN USE:			
TL-250 Skid Steer - not used CAT 277 Skid Steer – not used CAT 420D Backhoe - not used 2-GF+ Butt-Fusion Machines – not used Dynapac CC122 Compactor – not used Concrete Vibrator Lull – not used			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Sampogna placed form work, vapor barrier, 6X6 W4XW4 WWF and keyed joints, and then poured concrete on portion of the floor slab. Refer to Figure No. S-03 08052011 to floor slab pour location.			
WORK BEING INSPECTED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic: slips, trips and falls, and concrete hazards
TESTING PERFORMED: Concrete testing was conducted CM Testing Laboratory, Inc.
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: Request Joe C. with ACI to place metal plates over the portion of the trench secured with orange construction fence near the extraction well.
MEETING: Weekly progress conference call held by ACI's Doug Ronk.
ADDITIONAL ACTIVITIES AND REMARKS: ACI received a delivery for a Lull.

By: Mrutyunjay Vajirkar

Title: Field Engineer

ATTACHMENT 2
FIELD LOGBOOK NOTES

7/25/11
Monday

Overcast
69/77°F

J. Muller
J. Coffer
T. Glean

0730 Safety Meeting. Heavy equip operation

0800 J. Muller on-site

0700 JK Electric on-site (J-Man Crew)

0700 T+F on-site (R-Man Crew)

- Electricians installing conduit

and air boxes

- T+F installing 2" HDPE pipe

for discharge from TT. Sys.

- T+F installed 1 1/2" HDPE pipe

through foundation wall

12:00 T+F continuing to install

pipe into building foundation

area and backfilling trench

12:30 JK finishing conduit into

building foundation area

JK

1430 JK Electric off-site

1330 T+F off-site

1030 ACE + com off-site

JK 7/25/11

7/26/11
Tuesday

PT Cloudy
68/86°F

J. Muller
J. Coffer
T. Glean

0700 Safety Meeting. Vehicle safety ins. sweep

0700 T+F on-site (R-Man Crew)

0800 JK Electric (J-Man Crew)

- T+F constructing ramp to

allow foundation interior to be

installed.

- JK Electric installing conduit

for Man Electrical Service

around building foundation above

Footer Mat. to be mounted on

exterior of building NW corner

10:00 T+F Racine Structural Fill

inside structural walls 12" lifts

1500 CM TESTING on-site to perform

Density Testing 2 tests in

pipe trench north of TRIBIG

3 tests inside treatment Bldg

area All results < 95% compaction

1430 All visited site and inspected

building foundation work

1630 ACE & com off-site

JK 7/26/11

7/27/11
Wednesday
Sunny
68/84°F

J. Mullen
J. Carter
T. Gleason
M. Scafe

- 0700 HCL + CDM ON-SITE
- 0800 T. Gleason on-site
- 0730 T&F ON-SITE
- 0730 J.E. Electric on-site
- 0830 Safety Meeting - General Safety
- 0930 T&F APPLIED 2 Rows of Mastic to Sump PAD. USED BACKHOE TO SET CONCRETE SUMP ON MASTIC.
- 1010 ACI CALLED OUTSIDE JENNY BETWEEN SUMP SLAB AND RECAST STRUCTURE WITH ELASTOMERIC CHALK
- 1030 T&F PLACING STRUCTURAL FILL IN BUILDING FOUNDATION AREA 12" LIFTS AND COMPACTING USUAL VIBRATORY PLATE COMPACTOR.
- 1030 CM TESTING ON-SITE
- 1130 T&F CONTINUING TO BACKFILL BUILDING FOUNDATION AND INSTALLING SANITARY PIPING FOR REST ROOM & SINKS
- 1300 J.E. Electric CONTINUING TO INSTALL CONDUIT
- 1630 ACI & CDM OFF-SITE

John 7/27/11

7/28/11
Thursday
Partly Cloudy
71/82°F

J. Mullen
J. Carter
T. Gleason
M. Scafe

- 0730 Safety Meeting: All Phones/Satphones
- 0730 T&F ON-SITE continuing
- to Place Structural Fill
- inside Building Foundation (2 man crew)
- CDM/ACI & T&F Reviewed the Floor Drain Plans
- 3 LOCATIONS MARKED WHERE THE DRAINS WILL BE INSTALLED
- 0900 J.E. Electric ON-SITE (MAN CREW)
- 1200 Lunch
- 1300 T&F EXCAVATING NEAR 4" DISCHARGE @ CLINTON RD
- 1300 J.E. CONTINUING TO INSTALL EMBEDDED CONDUIT INSIDE TREATMENT POND FOOTPRINT
- 1400 T&F EXPOSED BURIED DRAINWAY APPROX. REMOVED USING BACKHOE EXCAVATED TRENCH TO READ DEPTH
- 1500 J.E. OFF-SITE
- 1530 T&F OFF-SITE
- 1630 CDM + ACI OFF-SITE

John 7/28/11

7/29/11
Friday

Cloudy/Rain
73/85°F

DL Porter
J. Muller
Y. Saha
T. Gierke

0700

Cam on-site

0700 ACI on-site

0730 Safety Meeting

0730 TFL 2 man & Reuben-site

Continuing work at Storm
Structure for the Discharge
Pipe Connection

0800 JARSKI on-site to ~~start~~ core

Left 4 MW Holes in concrete Storm Structure

1000 Conference call

1030

J. Muller off-site @ 11:30 AM

1130 Storm structure work completed

TFL backfill slab area with
structural fill. Compaction of fill.

1300 Compaction of backfill in slab area

1430 Continue backfill and compaction

of fill. JK Electric off-site by 1400.

1500 Y. Saha off-site (CDM).
CM Ready to finish compaction
tests.

JM

JM

YS 7/29/11

8/2/11

T. McArthur

0900

CDM write

Ameshead installing sub-slab piping

1000

Preparing subbase prior to installing crushed stone curved stone delivered to site

1030

Place crushed stone in treatment bldg. area.

1130

Continue with stone placement. Set steel plate around influent pipe.

1300

Continue with stone placement + leveling

1410

ACI conducting final finished surface leveling of crushed stone.

1430

No further work today at treatment bldg. Activity for tomorrow slab formwork + reinforcement

T. McArthur

8/2/11

8/3/11

Wed.

Sunny ~ 75°F

Mustang's W.

0710: CDM onsite. ACI already onsite.

~~0800: ACI~~ ~~see~~ - mmv 8/3/11

0800: Ameshead received # 57 stone

delivery (crushed stone).

Ameshead subcontractor placing stone on the action of stone specified to be poured. Ameshead subcontractor ~~also~~ excavating near interaction well for pipe and electrical work.

0900: ACI consults with Hayden

re: vapor barrier on crushed stone and then 6x6 wox wox wox.

1000 ACI's pumping sub. continue trench excavation and consult with placing

expansion joint for the slab.

1300: Continued trench excavation and clean water great water on outside

earring and placing the expansion joint

1300: consults with professional on

1330: consults truck units

1345: consults truck units from

1430: ACI's plumbing sub completed excavation around interaction well head

Overcast, English rain
~ 80°F

8/3/11
Wednesday

and weld the

mm 5

pipe and back

150: ACI's consult with ~~mm 5~~ 8/3/11

~~plumbing consult~~ ~~mm 5~~ 8/3/11

was the flagging area with backhoe.

150: The work area with fence.

150: ACI's consult with finished

posting on the action of state

(admin area, bar room, electrical room)

for the day - Mexianak. COM 8/3/11

1530: ACI's consult with continue

with finishing the consult state

surface.

638: ACI's consult with placing

the top on the consult state

1645: ACI's consult with 8/3/11

1700: Multigang Vigilante (COM) 8/3/11

ACI's consult with - Sampagna contacting

(4 man crew)

ACI's plumbing with - T 4 F (2 man crew)

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

mm 5 8/3/11

Sunny ~ 80°F

8/4/11

Thursday

100: Multigang Vigilante ~~COM~~ (mm 5)

COM email. 1st letter - ACI already

email.

1130: Doug Lent - ACI email.

1140: Sampagna contacting ACI's consult

with email. 2nd meeting. Sampagna

1400: 4 man crew.

Sampagna crew removing side form

work. regarding and leveling stone,

steel elevation and mudbricks the

consult state with the poured in state

1130: Brenneke welding (ACI's welding

with) 2 man crew 4 1/2 Electrical - ACI's

Electric with) 3 man crew email.

Sampagna placing stone, grading

1 leveling stone.

1100: Brenneke setting the outer

curving about 50 inches below the

working grade.

1130: Sampagna placing paper barrier,

1140: Sampagna joint and water stop.

1100: CMT taking laboratory, inc taking

1130: Sampagna placing formwork

1140: 99.

8/4/11

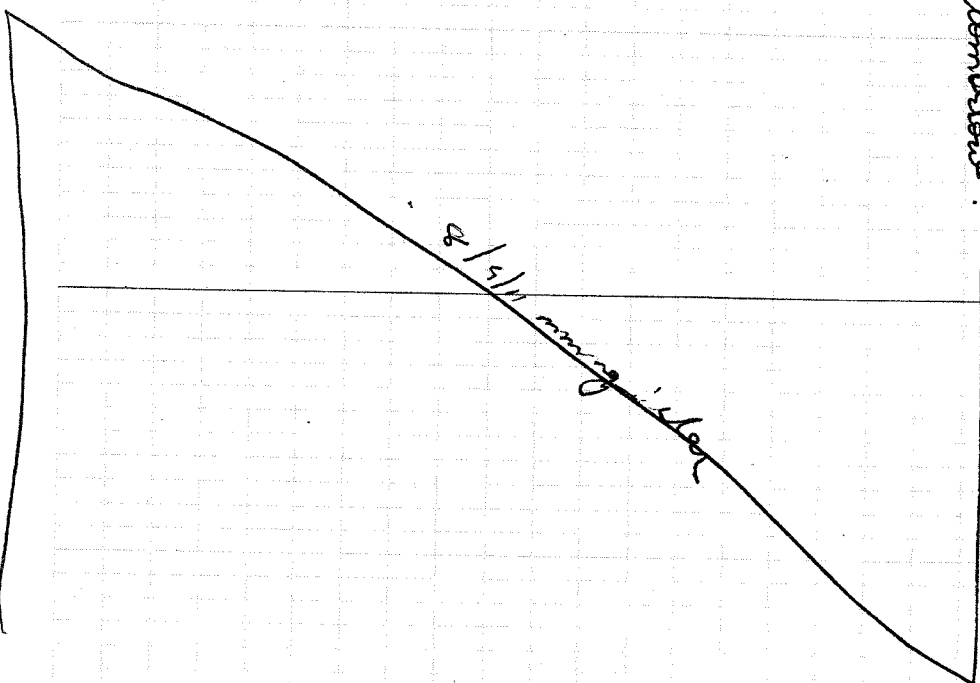
Thursday

- 1100: Lampoyna flat bed truck enroute
 1130: Sweeney continues cutting the
 outer casing and welding pipes
 adapted to the inside casing.
 1230: Concrete truck enroute.
 Lampoyna getting ready for concrete
 pour.
 1300: Lampoyna placing concrete.
 1350: Lampoyna finished placing concrete
 on the section of floor plate for d.
 1430: Sweeney continues welding the
 casing for pipes adapted and cutting
 the inner casing about 10' above the
 parking grade.
 1500: Lampoyna crew finish Trenches
 to the slab floor. Sweeney crew
 at dogging area.
 1510: Sweeney crew offsite.
 1530: Lampoyna crew continues
 finishing the surface and laying
 form for Trenches concrete.
 1610: Lampoyna crew. Sanders hauling
 on the south bound today and
 preparing & formwork for tomorrow concrete
 work.

8/4/11

Thursday

- 1630: Lampoyna crew offsite
 1700: no further work for today at treatment
 building. Activity for Trenches continues
 with slab pour. COM offsite. Discussed
 with Joe C. and Doug E. about workplan
 for Trenches.



8/5/11

Sunny ~ 90°F

Friday

- 0700: Moulting Virginia COW - snail
Joe C. and Matt S. with ACI
already snail.
0730: Lampyris snail (5-man crew)
0800: ACI received a snail yesterday (bull)
0900: Lampyris placing formwork,
luncheon stone.
0930: Lampyris placing the prepared
barrier.
1000: snail company call.
1100: Lampyris placing the 6x6 w/ 4x4
1130: Drivers with 300-ACI about placing
metal pieces on the trench portion
around with change construction fence
near the attachment.
Lampyris placing formwork for the
housekeeping pad.
1230: Lampyris continue placing
formwork and 4x6 w/ 4x4 w/ 4x4 for the
housekeeping pad.
1300: Concrete formwork.
1310: snail pouring concrete.
1340: Complete the form from 1st track.
1400: 2nd concrete formwork
and continue pouring concrete.

8/5/11

Sunny ~ 80°F

Friday

- CM Telling Inc's personnel conducted
the concrete Telling.
1400: Staff pouring concrete for the
housekeeping pad in the hallways
of the treatment building.
1500: finished placing concrete and
started shearing the concrete floor slab.
1600: continue shearing the concrete floor
slab.
1700: continue finishing the concrete
floor slab.
1710: Placing bulge on the finished
concrete floor.
1730: Lampyris crew off site.
1800: No further work for today. Activity
for tomorrow continue with the
remaining slab pour. complete off site.

8/5/11

ATTACHMENT 3
PHOTO LOG

PHOTOGRAPHIC LOG
Contract No.: EP-W-09-002

Groundwater Treatment System Construction

Old Roosevelt Field Contaminated Groundwater Area Superfund Site

PHOTOGRAPH #	DATE	BY	DESCRIPTION
IMAG0077.jpg	7/27/2011	JWM	Building Sump Base with Mastic Seals
IMAG0078.jpg	7/27/2011	JWM	Building Sump Set on Concrete Base
IMAG0079.jpg	7/27/2011	JWM	Foam Insulation Installed Inside Foundation Walls
IMAG0080.jpg	7/29/2011	JWM	Concrete Storm Structure with Cored Holes
IMAG0081.jpg	7/29/2011	JWM	Structural Fill Placed Inside Building Foundation
IMAG0082.jpg	8/2/2011	JWM	Capillary Barrier Placed in Foundation Prior to Slab Pour
IMAG0083.jpg	8/2/2011	JWM	Vapor Barrier and WWF Installed Before Concrete.
IMAG0084.jpg	8/2/2011	JWM	Reinforcement Steel Installed Prior to Concrete Pour
IMAG0085.jpg	8/2/2011	JWM	Pouring Concrete Floor Slab
IMAG0086.jpg	8/2/2011	JWM	Finishing Concrete Floor
IMAG0087.jpg	8/2/2011	JWM	Concrete Floor Finished - Office Area
IMAG0088.jpg	8/3/2011	JWM	Pitt-Less Adapter Prior to Installation
IMAG0089.jpg	8/3/2011	JWM	Welding Pitt-Less Adapter onto Well Casing
IMAG0090.jpg	8/4/2011	JWM	Northeast Floor Slab Preparation
IMAG0091.jpg	8/4/2011	JWM	Floor Drain Installed
IMAG0092.jpg	8/5/2011	JWM	Finishing Concrete using a Power Trowel

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: July 25 through August 5, 2011



Building Sump Base with Mastic Seals

IMAG0077.jpg

7/27/2011



Building Sump Set on Concrete Base

IMAG0078.jpg

7/27/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: July 25 through August 5, 2011



Foam Insulation Installed Inside Foundation Walls

IMAG0079.jpg

7/27/2011



Concrete Storm Structure with Cored Holes

IMAG0080.jpg

7/29/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: July 25 through August 5, 2011



Structural Fill Placed Inside Building Foundation

IMAG0081.jpg

7/29/2011



Capillary Barrier Placed in Foundation Prior to Slab Pour

IMAG0082.jpg

8/2/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

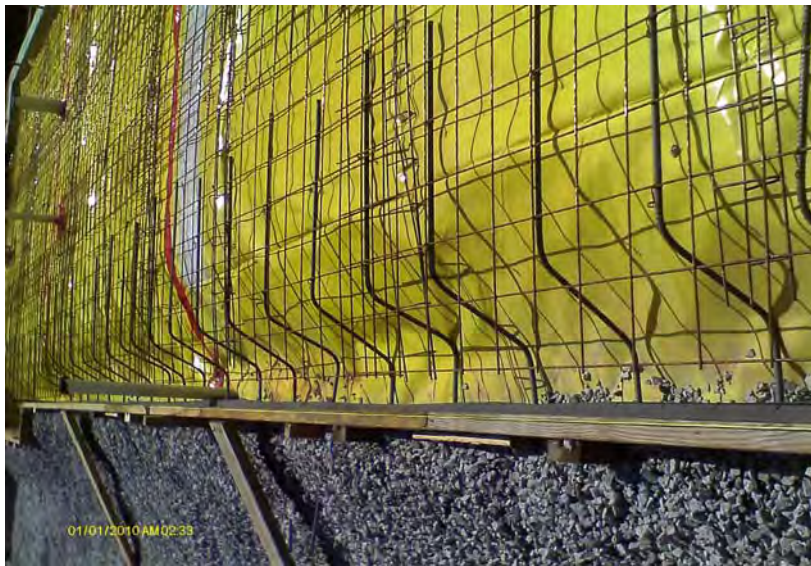
PHOTOS: July 25 through August 5, 2011



Vapor Barrier and WWF Installed Before Concrete.

IMAG0083.jpg

8/2/2011



Reinforcement Steel Installed Prior to Concrete Pour

IMAG0084.jpg

8/2/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: July 25 through August 5, 2011



Pouring Concrete Floor Slab
IMAG0085.jpg 8/2/2011



Finishing Concrete Floor
IMAG0086.jpg 8/2/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: July 25 through August 5, 2011



Concrete Floor Finished - Office Area

IMAG0087.jpg

8/2/2011



Pitt-Less Adapter Prior to Installation

IMAG0088.jpg

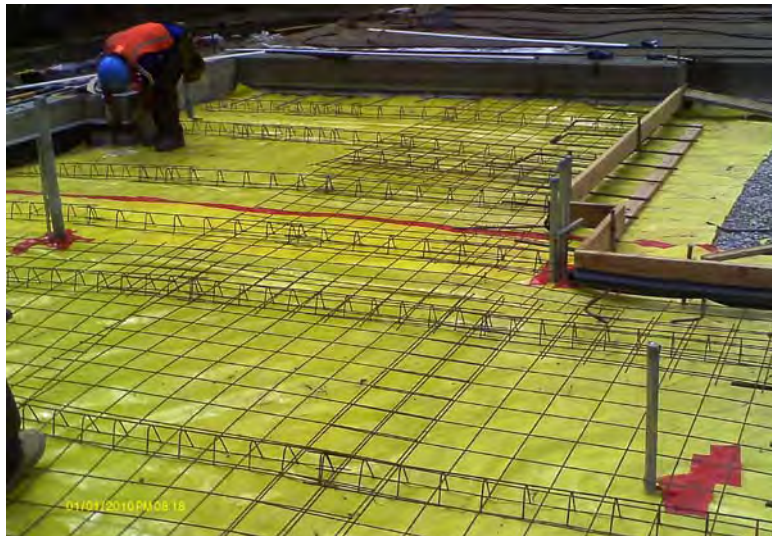
8/3/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: July 25 through August 5, 2011



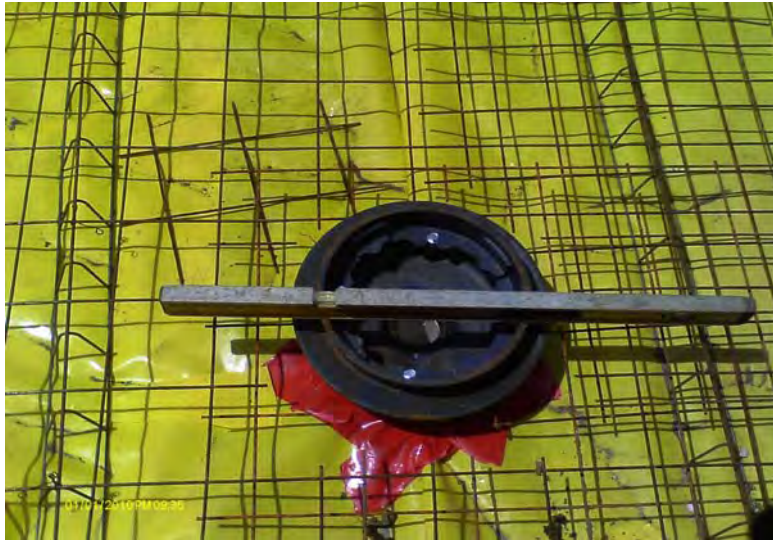
Welding Pitt-Less Adapter onto Well Casing
IMAG0089.jpg 8/3/2011



Northeast Floor Slab Preparation
IMAG0090.jpg 8/4/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: July 25 through August 5, 2011



Floor Drain Installed

IMAG0091.jpg

8/4/2011



Finishing Concrete using a Power Trowel

IMAG0092.jpg

8/5/2011